

# HUD Plus User Manual



## Overview

The Polaris HUD plus will project the vehicles speed and time (optional) up onto the windscreen which avoids the need for the driver to take their eyes off the road to check the speedometer.

The unit will also warn the driver approximately 190 metres and again at 50 metres upon the approach of fixed Red light cameras or speed cameras. It also has 2 over speed alerts that can be set to the drivers preferred speed limit.

## Important

The HUD plus also has software built in that allows it to become a digital HUD. This means you can flip the numbers and view the speed directly from the HUD. We call this non-reflective mode.

Please also be aware that it is very easy to accidentally flip the numbers by pressing the **INCREASE ICON**  as a long press. Please be aware that if you have accidentally changed this setting, the numbers will flip and the speed will seem erratic. To change it back, long press the increase icon .

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## Product Info

- Speed and time data via GPS satellites
- Speed and Red light camera data provided by TomTom
- Powered by Cigarette Lighter Adaptor
- Easy Installation
- Touch pad buttons
- Adjustable brightness, volume and speed alerts + more

## In the box

- HUD plus
  - Reflective Film
  - Instructions
  - Cigarette lighter adaptor
  - Alcohol Wipe
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## Installation

When the unit is powered on, place the HUD on the dash and move it around to determine the best visible position for the driver. Clean the dash with the alcohol wipe and remove the red cover sheet from the stick pad and mount the HUD. Adjust the angle of the bracket to suit the windscreen (please be aware that not all windscreens will suit the HUD laying completely flat).

If you have purchased the hardwire cable then this may have to be installed professionally as power needs to be picked up from an Acc+ source behind the dash.

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## How to apply the reflective film

The reflective film is applied very similar to window tint. Before you attempt to install it, make sure you have a spray bottle with some warm water with a little bit of dishwashing detergent. This will allow you to position it on the windscreen first with the ability to move it around to the desired position.


**DO NOT** just stick it on the windscreen like a sticker. You will not be able to reposition or reuse the reflective film.

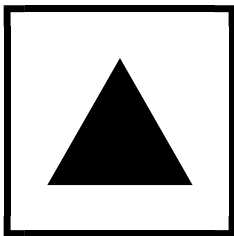
1. Remove the protective layer from the film
2. Spray your windscreen and the back of the film (sticky side) with the warm, soapy water.
3. Apply the film to the windscreen and move it around to find your desired position.
4. Once it is on the windscreen, squeeze all of the excess water out with a flat surface (e.g., Credit card, ruler, squeegee).

# Touch pad button functions

You do not have to press down hard on the touch button panel. Treat it like your phone screen. Just a light touch should do the trick.

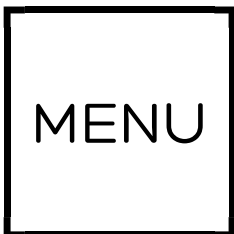
Some buttons have dual functions with a short press and a long press. Short press = tap, long press = hold down button gently for a couple of seconds.

When you have adjusted a setting in the Menu, you **do not** have to press set 

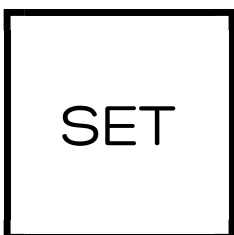


**Short Press:** Increase

**Long Press:** Toggles between reflective & non-reflective mode.

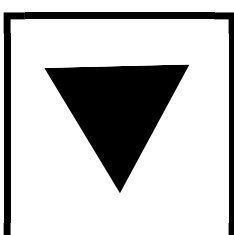


**Short Press:** Toggles between different Menu options such as: Overspeed level 1, overspeed level 2, calibration Setting, brightness setting, time zone setting, summertime setting, volume setting.



**Short Press:** toggles between mute voice / unmute voice

**Long Press:** Toggles between enable time display / disable time display.



**Short Press:** Decrease

# Red light and speed camera feature

There is no need to set this up, the HUD plus is already programmed to warn the driver when approaching fixed red light and speed cameras.

**IMPORTANT: Please make sure that the voice has not been muted as you will not hear any alerts from the unit.**

If the voice has been muted simply tap the SET button



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## Menu options

If the voice is enabled, the HUD will 'tell' you which setting you are in when toggling through the menu.

When you have reached your desired setting, simply leave it and wait for it to go back to the speed. **DO NOT PRESS SET.**

### Overspeed level 1:

Tap  once

Use this setting to set a preset overspeed alert.  
Range: 0-180km/h in 10km/h increments



Use your increase & decrease buttons to get to your desired overspeed level. Once you have found your desired setting, simply wait for the HUD to go back to showing speed.

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## Overspeed level 2:

Tap  twice

Use this setting to set a preset a second overspeed alert.

Range: 0-180km/h in 10km/h increments



Use your increase & decrease buttons to get to your desired overspeed level. Once you have found your desired setting, simply wait for the HUD to go back to showing speed.

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## Calibration Setting

Tap  3 times

We do not recommend calibrating the HUD to be exactly the same as your Speedo. We believe calibrating means missing out on one of the best benefits of the HUD which is determining what your true speed is via GPS satellites. Your speedo will always have a margin off error. However, if you wish to use this setting, please see instructions on how to calibrate the HUD to match your speedometer

**IMPORTANT:** When determining the difference between the HUD and your speedometer, please either choose a quiet area for driving or have a passenger assist you.



To match your vehicles speedometer, first set calibration to 0. Take the vehicle for a drive and try to maintain an even, slow speed (example 50km/h) to determine the difference between the HUD plus and the speedometer.

If the HUD plus displays a speed that exceeds your speedometer you will need to set the calibration to a minus amount to bring the HUD plus speed back down.

**For example** If your speedometer shows 50 km/h and the HUD plus displays 53 km/h, the calibration will have to be set at -3.

If the HUD plus displays a speed that is less than your speedometer you will need to set the calibration to a plus amount to bring the HUD speed forward.



For example, if your speedometer shows 55km/h and the HUD displays 50 km/h, the calibration will have to be set at +5.

  Use your increase & decrease buttons to get to your desired calibration. Once you have found your desired setting, simply wait for the HUD to go back to showing speed.

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## Brightness Setting

Tap  4 times



  Use your increase & decrease buttons to get to your desired brightness setting. There are 6 brightness settings: 0, 1, 2, 3, 4, 5.

**0 = automatic brightness setting.** If set to 0, the HUD will automatically adjust to the darkest setting in low light conditions and the brightest setting in normal conditions. Once you have found your desired setting, simply wait for the HUD to go back to showing speed.

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## Time Zone Setting

Tap  5 times

  Use your increase & decrease buttons to get to your desired Time Zone setting. There are 3 time zone settings: Perth, Sydney, Adelaide.

PERTH = Perth, ADELAIDE = Adelaide or NT, SYDNEY = rest of the states. Once you have found your desired setting, simply wait for the HUD to go back to showing speed.

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## Summertime setting (daylight savings)

Tap  6 times



Use your increase & decrease buttons to enable / disable Daylight Savings

Once you have found your desired setting, simply wait for the HUD to go back to showing speed.

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## Volume Setting

Tap  7 times



Use your increase or decrease buttons to set your desired volume setting.

There are 5 volume settings 1 being the lowest and 5 being the highest.

Once you have found your desired setting, simply wait for the HUD to go back to showing speed.

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## Need Help?

Scan the below QR code to find some helpful videos on the menu functions of the HUD & how to toggle between reflective & non-reflective mode:



You can also call us on (02) 9638 1222 or email us at [sales@polarisgps.com.au](mailto:sales@polarisgps.com.au)